JC10 Rec'd PCT/PTO 24 JUN 2005 ATTORNEY'S DOCKET NUMBER

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ÈLECTED OFFICE (DO/EO/US)

T3502-10303US01

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Copy of PCT Request

NIE		CT/KR2003/000062	13 January 2003	24 December 2002							
TITLE		NVENTION									
			IRING METHOD FOR FRICTION PAR	TS ON CONCRETE PUMP							
APPL	ICAN	T(S) FOR DO/EO/US									
HAN.	, Lacl	kSu									
Applic	ant h	erewith submits to the United State	s Designated/Elected Office (DO/EO/US) the	following items and other information:							
1.	☒	This is a FIRST submission of iter	ns concerning a submission under 35 U.S.C.	371.							
2.			ENT submission of items concerning a submi								
3.		(5) (6)									
4.	X	The US has been elected (Article 31).									
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))									
		a. is attached hereto (requi	red only if not communicated by the Internat	ional Bureau).							
		b. 🛮 has been communicated	by the International Bureau.	`;							
		c. is not required, as the a	oplication was filed in the United States Rece	iving Office (RO/US).							
6.	\boxtimes	An English language translation o	f the International Application as filed (35 U.S	i.C. 371(c)(2)).							
	٠	a. 🛛 is attached hereto.	•	-							
		b. 🗀 has been previously sub	mitted under 35 U.S.C. 154(d)(4).								
7.	Š	Amendments to the claims of the	International Application under PCT Article 19	9 (35 U.S.C. 371 (c)(3))							
		a. are attached hereto (req	uired only if not communicated by the Interna	itional Bureau).							
		b. have been communicate	ed by the International Bureau.								
		c. have not been made; ho	wever, the time limit for making such amenda	ments has NOT expired.							
		d. 🖾 have not been made and	d will not be made.								
8.		An English language translation o	f the amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).							
9.	\boxtimes	An oath or declaration of the inver	ntor(s) (35 U.S.C. 371 (c)(4)).								
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).									
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).									
12.	\boxtimes	A copy of the International Search Report (PCT/ISA/210).									
Ite	ems 1	3 to 23 below concern document	(s) or information included:								
13.											
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.									
15.		A FIRST preliminary amendment.									
16.		A SECOND or SUBSEQUENT preliminary amendment.									
17.		A substitute specification.									
18.		A power of attorney and/or change of address letter.									
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.									
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).									
21.	\boxtimes	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).									
22.		Express Mail Label No.									
23.	\boxtimes	Other items or information:	لم								
		O charte of Form of Drawnes (Figs									

USA PPICATONING PAGE 1950 WITTERNATORIAL APPLICATION NO. PTCT/KR2003/000962 T3502-16333US01 T0010 T00	JUI/ NGU UFUI/ 1976-1635/(18), 64465/ Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.											
The following fees are submitted: 24.												
The following fees are submitted: 24.	10	15405	5 7									
Securimention fee Securimention fee Securimention report prepared by USPTO and all daims satisfy provisions of PCT Article 33(1)(4)	The following	fees are submitte	ed:				CALCULATIONS	PTO USE				
## State St	24. 🖾 Basic na	ational fee			· · · · ·	\$300	\$ \$300.00					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority. **TOTAL OF 24, 25 and 26 =	If International pre satisfy provisions	eliminary examinat of PCT Article 33(\$100	\$ \$200.00								
TOTAL OF 24, 25 and 26 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding age of computer program isting filed in an electronic medium). The fee is \$250 for soah additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole affection thereof). RATE ### 100 = 0 /50 = 0 0 x \$250.00 \$ \$0.00 ### 2550.0	Search fee (37 CF the USPTO as an International Sear	R 1.445(a)(2)) ha International Sea ch Report prepare	\$ \$400.00									
Total Sheets Extra Sheets Fatra Sheets Fraction thereof (round up to a whole RATE 49 - 100 = 0	TOTAL	OF 24, 25 and	26 =				\$ \$900.00					
Fraction thereof (round up to a whole	Additional fee sequence list \$250 for each	for specification ing or computer p n additional 50 she	and drawings rogram listing ets of paper	s filed in paper over 10 g filed in an electronic r or fraction thereof.	0 she medi	eets (excluding ium). The fee is						
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 15 - 20 = 0	Total Sheets	Extra Sheets				RATE						
earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 15 - 20 = 0	49 - 100 =	0 /50 =		0		× \$250.00	\$ \$0.00					
Total claims 15 - 20 = 0					nonth	s from the	\$					
Independent claims 2 - 3 = 0 x \$200.00 \$ \$0.00 MULTIPLE DEPENDENT CLAIMS (if applicable)	L				BER EXTRA RA							
MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims	. 15	- 20 =	0	×	\$50.00	\$ \$0.00					
TOTAL OF ABOVE CALCULATIONS = \$ \$900.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$450.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from \$ \$0.00 TOTAL NATIONAL FEE = \$ \$450.00 Fee for recording the enclosed assignment (37 CFR 1.492(f)). TOTAL FEES ENCLOSED = \$ \$450.00 TOTAL FEES ENCLOSED = \$ \$450.00 Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Independent clain	າຣ 2	- 3=	0	×	\$200.00	\$ \$0.00					
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL	MULTIPLE DEPE	NDENT CLAIMS	<u> </u>	· –			\$ \$0.00					
reduced by 1/2. SUBTOTAL = \$ \$450.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from \$ \$0.00 the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$450.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 Amount to be \$ \$ \$450.00 TOTAL FEES ENCLOSED = \$ \$450.00 Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$							\$ \$900.00					
SUBTOTAL = \$ \$450.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$450.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property	Applicant cla reduced by 1	ims small entity st /2.	atus. See 37	' CFR 1.27. The fees i	ndica	ted above are	\$ \$450.00					
TOTAL NATIONAL FEE = \$ \$450.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$450.00 Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$							\$ \$450.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + TOTAL FEES ENCLOSED = \$ \$450.00 Amount to be \$ Amount to be \$ Amount to be \$ \$ Amount to be \$ \$ Amount to be \$ \$ \$ Adoptional to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 NAME	Processing fee of the earliest claims	\$130.00 for furnised priority date (3)	hing the Eng 7 CFR 1.492	lish translation later th	an 30	0 months from	\$ \$0.00					
a. A check in the amount of \$ \$450.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 TOTAL FEES ENCLOSED Amount to be Amount to be Amount to be \$ 4450.00 Amount to be \$ 440.00 Amount to be \$ 4450.00 Amount to be \$ 440.00 A				TOTAL N	IATI	ONAL FEE =	\$ \$450.00					
a. ⊠ A check in the amount of \$ \$450.00 to cover the above fees is enclosed. b. □ Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 . A duplicate copy of this sheet is enclosed. d. □ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 Amount to be SignATURE James T. Carmichael NAME	Fee for recording accompanied by a	the enclosed assign appropriate cov	gnment (37 (er sheet (37	CFR 1.21(h)). The ass CFR 3.28, 3.31). \$40	ignm per j	ent must be property +	\$ \$0.00					
a. A check in the amount of \$ \$450.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 Amount to be SIGNATURE James T. Carmichael NAME				TOTAL FEE	ES E	NCLOSED =	\$ \$450.00					
a. A check in the amount of \$ \$450.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 James T. Carmichael NAME					_		Amount to be	\$				
b. Please charge my Deposit Account No						-	Amount to be	\$				
A duplicate copy of this sheet is enclosed. c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 Admes T. Carmichael NAME	a. 🔀 A check	in the amount of \$	\$450.0	00 to cover the a	bove	fees is enclosed	· ·					
to Deposit Account No												
information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 SIGNATURE James T. Carmichael NAME		c. X The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment										
must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 181 Signature James T. Carmichael NAME	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card											
Customer No. 181 SIGNATURE James T. Carmichael NAME							on to revive (37 CFR 1	.137(a) or (b))				
James T. Carmichael NAME	SEND ALL CORF	RESPONDENCE T	го:			Dan	Tam	<u> </u>				
NAME	Customer No. 18	31										
			Carmichael									
45,300 Date: June 24, 2005							Date: June 24 2005					
REGISTRATION NUMBER				<u>U5</u>								